

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((location) adj (update) adj (request)) or ((RRC) adj (connection) adj (request)) )AND ( ((common) adj (control) adj (channel)) or (COCH) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L2	0	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ((attach) adj (signal) adj (request)) AND ((location) adj (update) adj (request)) AND ((RRC) adj (connection) adj (request)) AND ( ((common) adj (control) adj (channel)) or (COCH) )	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52
L3	10	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((location) adj (update) adj (request)) or ((RRC) adj (connection) adj (request)) )AND ( ((common) adj (control) adj (channel)) or (COCH) ) AND ( ((internet) adj (protocol)) or (IP) ) AND ( ((RRC) adj (connection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52

		adj (request)) SAME ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )				
L4	16	((MAMORU) near2 (HIGUCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52
L6	66	( ((RRC) adj (connection) adj (request)) SAME ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L7	278	( ((RRC) adj (connection) adj (request)) AND ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L8	8	((RITSUO) near2 (HAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52
L9	41	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((location) adj (update) adj (request)) or ((RRC) adj (connection) adj (request)) ) AND ( ((common) adj (control) adj (channel)) or (COCH) ) AND ( ((internet) adj (protocol)) or (IP) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L10	0	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ((attach) adj (signal) adj (request)) AND ((location) adj (update) adj (request)) AND ((RRC) adj (connection) adj (request)) AND ( ((common) adj (control) adj (channel)) or (COCH) )	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52

L11	59	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((location) adj (update) adj (request)) or ((RRC) adj (connection) adj (request)) )AND ( ((common) adj (control) adj (channel)) or (COCH) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L12	278	( ((RRC) adj (connection) adj (request)) AND ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L14	66	( ((RRC) adj (connection) adj (request)) SAME ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L15	16	((MAMORU) near2 (HIGUCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52
L16	10	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((location) adj (update) adj (request)) or ((RRC) adj (connection) adj (request)) )AND ( ((common) adj (control) adj (channel)) or (COCH) ) AND ( ((internet) adj (protocol)) or (IP) ) AND ( ((RRC) adj (connection) adj (request)) SAME ( (identification) or (ID) or ((IP) adj (address)) or ((common) adj (traffic) adj (channel)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L17	8	((RITSUO) near2 (HAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52

L18	0	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ((attach) adj (signal) adj (request)) AND ((location) adj (update) adj (request)) AND ((RRC) adj (connection) adj (request)) AND ( ((common) adj (control) adj (channel)) or (CCH) )	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 20:52
L19	28184	((370/254) or (370/255) or (370/256) or (370/310) or (370/312) or (370/313) or (370/328) or (370/329) or (370/335) or (370/336) or (370/338) or (370/342) or (370/345) or (370/347) or (370/352) or (370/386) or (370/388) or (370/389) or (370/390) or (370/392) or (370/395.1) or (370/396) or (370/395.21) or (370/400) or (370/408) or (370/422) or (370/429) or (370/464) or (370/465) or (370/466) or (370/467)). CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L20	1312	(370/254).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L21	479	(370/255).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L22	352	(370/256).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L23	675	(370/310).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L24	465	(370/312).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L25	221	(370/313).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L26	1958	(370/328).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L27	1876	(370/329).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52

L28	2825	(370/335).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L29	418	(370/336).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L30	2779	(370/338).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L31	3054	(370/342).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L32	522	(370/345).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L33	1264	(370/347).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L34	3938	(370/352).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L35	390	(370/386).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L36	393	(370/388).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L37	3089	(370/389).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L38	932	(370/390).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L39	2633	(370/392).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L40	969	(370/395.1).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L41	354	(370/396).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L42	566	(370/395.21).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L43	1357	(370/400).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L44	375	(370/408).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L45	292	(370/422).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L46	581	(370/429).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L47	251	(370/464).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L48	2006	(370/465).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L49	2028	(370/466).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52
L50	594	(370/467).CCLS.	USPAT; USOCR	OR	OFF	2010/01/28 20:52

L51	138	((GSM) or (GPRS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((attach) adj (signal) adj (request)) or ((attach) adj (request)) or ((location) adj (update) adj (request)) or ((location) adj (update)) or ((RRC) adj (connection) adj (request)) or ((connection) adj (request)) ) AND ( ((common) adj (control) adj (channel)) or (CCH) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L52	439	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L53	110	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast))	USPAT; USOCR	OR	ON	2010/01/28 20:52

L54	1	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast)) AND ( ((internet) adj (protocol)) or ("IP") ) AND ((management) adj (table))	USPAT; USOCR	OR	ON	2010/01/28 20:52
L55	11	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast)) AND ( ((internet) adj (protocol)) or ("IP") ) AND ((management) adj (table))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L56	72	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast)) AND ( ((internet) adj (protocol)) or ("IP") )	USPAT	OR	ON	2010/01/28 20:52

L57	7	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast)) AND ( ((internet) adj (protocol)) or ("IP") ) AND ( ((manag\$4) or (forward\$3) or (rout\$3) or (member\$4)) SAME (table\$1) )	USPAT	OR	ON	2010/01/28 20:52
L58	3	((GSM) or (GPRS) or (UMTS)) AND ( ((radio) adj (access) adj (network)) or (RAN) or (UTRAN) ) AND ( ((radio) adj (network) adj (controller)) or (RNC) ) AND (SGSN) AND (GGSN) AND ( ((common) adj (control) adj (channel)) or (CCH) or ((control) adj (channel)) ) AND ((broadcast) or (multicast)) AND ( ( ((internet) adj (protocol)) or ("IP") ) adj (address\$2) ) AND ( ((manag\$4) or (forward\$3) or (rout\$3) or (member\$4)) SAME (table\$1) )	USPAT	OR	ON	2010/01/28 20:52
L59	0	(US-20040184440-\$).did. or (US-7299062-\$ or US-7197333-\$ or US-7072329-\$ or US-7266393-\$).did.	US-PGPUB; USPAT	OR	ON	2010/01/28 20:52
L60	5	(US-20040184440-\$).did. or (US-7299062-\$ or US-7197333-\$ or US-7266393-\$ or US-7072329-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/01/28 20:52
L61	13	(UTRAN) SAME (registration) SAME (signaling)	USPAT	OR	OFF	2010/01/28 20:52



L62	3	("7072329").URPN.	USPAT	OR	OFF	2010/01/28 20:52
L63	3	("7072329").URPN.	USPAT	OR	OFF	2010/01/28 20:52
L64	234	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (COCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52

L65	52	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L66	26	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node	USPAT; USOCR	OR	ON	2010/01/28 20:52

		\$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or (MS) or (MT) or (AT) )				
L67	34	((GSM) or (GPRS) or (UMTS) ) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (COCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration)	USPAT; USOCR	OR	ON	2010/01/28 20:52

		or (authenticat\$3) or (access\$3) or ((access adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L68	34	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or	USPAT; USOCR	OR	ON	2010/01/28 20:52

		((mobility) adj (management)) or ((session) adj (management)) ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L69	34	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or	USPAT; USOCR	OR	ON	2010/01/28 20:52

		((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L70	31	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user)	USPAT; USOCR	OR	ON	2010/01/28 20:52

		adj (equipment)) or (MS) or (MT) or (AT) or (UE) ) SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) )				
L71	7	((GSM) or (GPRS) or (UMTS)) SAME ( (gateway \$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )	USPAT; USOCR	OR	ON	2010/01/28 20:52

		<p>SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) ) SAME ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or ((not) adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same" ) or ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or ((not) adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same" ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )</p>				
L72	7	<p>((GSM) or (GPRS) or (UMTS) or (GERAN)) SAME ( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1))</p>	USPAT; USOCR	OR	ON	2010/01/28 20:52



or (BS) or (BSC) or  
 ((terminal) adj (node  
 \$1)) ) SAME ( ((radio) adj  
 (access) adj (network))  
 or (RAN) or ((radio) adj  
 (network) adj  
 (controller)) or (RNC) or  
 ((intermediate) adj (node  
 \$1)) or ((serving) adj  
 (node\$1)) or (PDSN) )  
 SAME ( ((management)  
 adj (information)) or  
 (register) or (registration)  
 or (authenticat\$3) or  
 (access\$3) or ((access)  
 adj (control)) or (admit  
 \$4) or (admission) or  
 ((admission) adj  
 (control)) or ((network)  
 adj (admission)) or  
 ((network) adj (control))  
 or ((connection) adj  
 (request\$1)) or (RRC) or  
 ((mobility) adj  
 (management)) or  
 ((session) adj  
 (management)) or  
 ((mobility) adj  
 (information)) or  
 ((location) adj  
 (information)) ) SAME  
 ( ((mobile) adj  
 (terminal)) or ((mobile)  
 adj (station)) or ((access)  
 adj (terminal)) or ((user)  
 adj (equipment)) or (MS)  
 or (MT) or (AT) or (UE) )  
 SAME ( ((internet) adj  
 (protocol)) or (IP) or  
 (packet\$1) or (cell\$1) or  
 (frame\$1) ) SAME  
 ( ( (redundant) or  
 (redundancy) or ((no) adj  
 (redundant)) or ((no) adj  
 (redundancy)) or ((non)  
 adj (redundant)) or  
 ((non) adj (redundancy))  
 or (("not") adj  
 (redundant)) or (tree\$1)  
 or (spanning) or  
 (duplicate\$1) or  
 (duplication) or ((no) adj  
 (duplicate\$1)) or ((no)  
 adj (duplication)) or  
 ((non) adj (duplicate\$1))  
 or ((non) adj  
 (duplication)) or

		("same" ) or ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or (("not") adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same" ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )				
L73	41439	((GSM) or (GPRS) or (UMTS) or (GERAN))	USPAT; USOCR	OR	ON	2010/01/28 20:52
L74	42913	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L75	1273107	( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L76	4451219	( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L77	177563	( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) )	USPAT; USOCR	OR	ON	2010/01/28 20:52

L78	1668707	((management) adj (information)) or (register) or (registration) or (authentication) or (access) or ((access) adj (control)) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L79	4482965	((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L80	2288533	((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L81	5125462	((redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or (("not") adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) or ((redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or (("not") adj (redundant)) or (tree\$1)	USPAT; USOCR	OR	ON	2010/01/28 20:52

		or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )				
L82	7	(L73) SAME (L74) SAME (L75) SAME (L76) SAME (L77) SAME (L78) SAME (L79) SAME (L80) SAME (L81)	USPAT; USOCR	OR	ON	2010/01/28 20:52
L83	379	(( gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52

		(management)) )				
L84	83	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) )	USPAT; USOCR	OR	ON	2010/01/28 20:52
L85	38	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj	USPAT; USOCR	OR	ON	2010/01/28 20:52

		(access) adj (network) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or (MS) or (MT) or (AT) )				
L86	49	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access)	USPAT; USOCR	OR	ON	2010/01/28 20:52

		adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L87	49	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj	USPAT; USOCR	OR	ON	2010/01/28 20:52

		(management)) ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L88	49	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile)	USPAT; USOCR	OR	ON	2010/01/28 20:52



		adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) )				
L89	46	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) ) SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or	USPAT; USOCR	OR	ON	2010/01/28 20:52

		(frame\$1) )				
L90	46	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authenticat\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) ) SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) )	USPAT; USOCR	OR	ON	2010/01/28 20:52

L91	7	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) ) SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) ) SAME ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj	USPAT; USOCR	OR	ON	2010/01/28 20:52
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		(redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or (("not") adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) or ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or (("not") adj (redundant)) or (tree\$1) or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )				
L92	7	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (COCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj	USPAT; USOCR	OR	ON	2010/01/28 20:52

(node\$1)) or (PDSN) )  
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 or (authentication\$3) or  
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 adj (terminal)) or ((user)  
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 or (MT) or (AT) or (UE) )  
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 (packet\$1) or (cell\$1) or  
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 ((non) adj (redundancy))  
 or (("not") adj  
 (redundant)) or (tree\$1)

		or (spanning) or (duplicate\$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )				
L93	7	(L74) SAME (L75) SAME (L76) SAME (L77) SAME (L78) SAME (L79) SAME (L80) SAME (L81)	USPAT; USOCR	OR	ON	2010/01/28 20:52
L94	7	(L74) SAME (L75) SAME (L76) SAME (L77) SAME (L78) SAME (L79) SAME (L80) SAME (L81)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L95	7	(L73) SAME (L74) SAME (L75) SAME (L76) SAME (L77) SAME (L78) SAME (L79) SAME (L80) SAME (L81)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52
L96	31	((GSM) or (GPRS) or (UMTS) or (GERAN)) SAME ( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52

(register) or (registration)  
 or (authentication) or  
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 adj (admission)) or  
 ((network) adj (control))  
 or ((connection) adj  
 (request\$1)) or (RRC) or  
 ((mobility) adj  
 (management)) or  
 ((session) adj  
 (management)) or  
 ((mobility) adj  
 (information)) or  
 ((location) adj  
 (information)) ) SAME  
 ( ((mobile) adj  
 (terminal)) or ((mobile)  
 adj (station)) or ((access)  
 adj (terminal)) or ((user)  
 adj (equipment)) or (MS)  
 or (MT) or (AT) or (UE) )  
 SAME ( ((internet) adj  
 (protocol)) or (IP) or  
 (packet\$1) or (cell\$1) or  
 (frame\$1) ) SAME  
 ( ( (redundant) or  
 (redundancy) or ((no) adj  
 (redundant)) or ((no) adj  
 (redundancy)) or ((non)  
 adj (redundant)) or  
 ((non) adj (redundancy))  
 or (("not") adj  
 (redundant)) or (tree\$1)  
 or (spanning) or  
 (duplicate\$1) or  
 (duplication) or ((no) adj  
 (duplicate\$1)) or ((no)  
 adj (duplication)) or  
 ((non) adj (duplicate\$1))  
 or ((non) adj  
 (duplication)) or  
 ("same") ) or  
 ( ( (redundant) or  
 (redundancy) or ((no) adj  
 (redundant)) or ((no) adj  
 (redundancy)) or ((non)  
 adj (redundant)) or  
 ((non) adj (redundancy))  
 or (("not") adj  
 (redundant)) or (tree\$1)  
 or (spanning) or  
 (duplicate\$1) or  
 (duplication) or ((no) adj

		(duplicate\$1)) or ((no) adj (duplication)) or ((non) adj (duplicate\$1)) or ((non) adj (duplication)) or ("same") ) with ( (path \$1) adj (link\$1) or (branch \$2) or (route\$1) or (tree \$1) or ((spanning) adj (tree\$1)) ) ) )				
L97	34	( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel\$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station\$1)) or (BS) or (BSC) or ((terminal) adj (node \$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node\$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access\$3) or ((access) adj (control)) or (admit \$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request\$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 20:52



adj (terminal)) or ((user)  
adj (equipment)) or (MS)  
or (MT) or (AT) or (UE) )  
SAME ( ((internet) adj  
(protocol)) or (IP) or  
(packet\$1) or (cell\$1) or  
(frame\$1) ) SAME  
( ( (redundant) or  
(redundancy) or ((no) adj  
(redundant)) or ((no) adj  
(redundancy)) or ((non)  
adj (redundant)) or  
((non) adj (redundancy))  
or (("not") adj  
(redundant)) or (tree\$1)  
or (spanning) or  
(duplicate\$1) or  
(duplication) or ((no) adj  
(duplicate\$1)) or ((no)  
adj (duplication)) or  
((non) adj (duplicate\$1))  
or ((non) adj  
(duplication)) or  
("same") ) or  
( ( (redundant) or  
(redundancy) or ((no) adj  
(redundant)) or ((no) adj  
(redundancy)) or ((non)  
adj (redundant)) or  
((non) adj (redundancy))  
or (("not") adj  
(redundant)) or (tree\$1)  
or (spanning) or  
(duplicate\$1) or  
(duplication) or ((no) adj  
(duplicate\$1)) or ((no)  
adj (duplication)) or  
((non) adj (duplicate\$1))  
or ((non) adj  
(duplication)) or  
("same") ) with ( (path  
\$1) adj (link\$1) or (branch  
\$2) or (route\$1) or (tree  
\$1) or ((spanning) adj  
(tree\$1)) ) ) )

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L98	0	( ( (gateway\$1) or (SGSN) or (GGSN) or ((top) adj (node\$1)) ) SAME ( (channel \$1) or ((common) adj (control)) or (CCH) or ((random) adj (access)) or (RACH) or ((common) adj (uplink)) or ((physical) adj (channel)) or (PRACH) or ((common) adj (traffic)) ) SAME ( ((base) adj (station \$1)) or (BS) or (BSC) or ((terminal) adj (node\$1)) ) SAME ( ((radio) adj (access) adj (network)) or (RAN) or ((radio) adj (network) adj (controller)) or (RNC) or ((intermediate) adj (node \$1)) or ((serving) adj (node \$1)) or (PDSN) ) SAME ( ((management) adj (information)) or (register) or (registration) or (authentication\$3) or (access \$3) or ((access) adj (control)) or (admit\$4) or (admission) or ((admission) adj (control)) or ((network) adj (admission)) or ((network) adj (control)) or ((connection) adj (request \$1)) or (RRC) or ((mobility) adj (management)) or ((session) adj (management)) or ((mobility) adj (information)) or ((location) adj (information)) ) SAME ( ((mobile) adj (terminal)) or ((mobile) adj (station)) or ((access) adj (terminal)) or ((user) adj (equipment)) or (MS) or (MT) or (AT) or (UE) ) SAME ( ((internet) adj (protocol)) or (IP) or (packet\$1) or (cell\$1) or (frame\$1) ) SAME ( ( (redundant) or (redundancy) or ((no) adj (redundant)) or ((no) adj (redundancy)) or ((non) adj (redundant)) or ((non) adj (redundancy)) or ("not") adj (redundant)) or (tree\$1) or (spanning) or (duplicate \$1) or (duplication) or ((no) adj (duplicate\$1)) or ((no)	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/28 20:52
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adj (duplication)) or ((non)  
 adj (duplicate\$1)) or ((non)  
 adj (duplication)) or  
 ("same") ) or  
 ( ( (redundant) or  
 (redundancy) or ((no) adj  
 (redundant)) or ((no) adj  
 (redundancy)) or ((non) adj  
 (redundant)) or ((non) adj  
 (redundancy)) or ("not")  
 adj (redundant)) or (tree\$1)  
 or (spanning) or (duplicate  
 \$1) or (duplication) or ((no)  
 adj (duplicate\$1)) or ((no)  
 adj (duplication)) or ((non)  
 adj (duplicate\$1)) or ((non)  
 adj (duplication)) or  
 ("same") ) with ( (path\$1)  
 adj (link\$1) or (branch\$2) or  
 (route\$1) or (tree\$1) or  
 ((spanning) adj (tree  
 \$1)) ) ) ) ).CLM.

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